



PTO/SB/21 (09-04)

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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

5

Application Number

10/646,612

Filing Date

August 22, 2003

First Named Inventor

Kenneth COLLINS, et al.

Art Unit

2812

Examiner Name

Alexander Ghyka

Attorney Docket Number

006915 P04

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Law Office of Robert M. Wallace		
Signature			
Printed name	Robert M. Wallace		
Date	11/11/2003	Reg. No.	29,119

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature			
Typed or printed name	Shelly Hart	Date	11/11/2003

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Effective on 12/08/2004.

Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

FEE TRANSMITTAL For FY 2005

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 180.00)
Complete if Known

Application Number	10/646,612
Filing Date	August 22, 2003
First Named Inventor	Kenneth COLLINS, et al.
Examiner Name	Alexander Ghyka
Art Unit	2812
Attorney Docket No.	006915 P04

METHOD OF PAYMENT (check all that apply)
 Check Credit Card Money Order None Other (please identify): _____

 Deposit Account Deposit Account Number: 50-0338 Deposit Account Name: Robert M. Wallace

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

<input checked="" type="checkbox"/> Charge fee(s) indicated below	<input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee
<input type="checkbox"/> Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17	<input checked="" type="checkbox"/> Credit any overpayments

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FEE CALCULATION**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES	
	Fee (\$)	Small Entity	Fee (\$)	Small Entity	Fee (\$)	Small Entity
Utility	300	150	500	250	200	100
Design	200	100	100	50	130	65
Plant	200	100	300	150	160	80
Reissue	300	150	500	250	600	300
Provisional	200	100	0	0	0	0

2. EXCESS CLAIM FEES**Fee Description**

Each claim over 20 (including Reissues)

Each independent claim over 3 (including Reissues)

Multiple dependent claims

Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)	Small Entity	Fee (\$)
- 20 or HP =	x	=		50	25

HP = highest number of total claims paid for, if greater than 20.

Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)	Multiple Dependent Claims	Fee (\$)	Fee Paid (\$)
- 3 or HP =	x	=				

HP = highest number of independent claims paid for, if greater than 3.

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
- 100 =	/ 50 =	(round up to a whole number) x	=	

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): Information Disclosure Statement Fee under 37 CFR 1.97(e)

\$180.00

SUBMITTED BY

Signature		Registration No. (Attorney/Agent) 29,119	Telephone 805-644-4035
Name (Print/Type)	Robert M. Wallace	Date 11/11/2005	

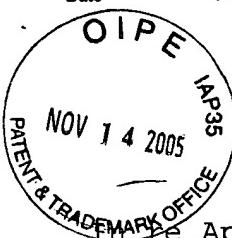
This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

CERTIFICATE OF MAILING
I hereby certify that this paper and every
paper referred to therein as being enclosed
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as first class mail, postage prepaid, in
an envelope addressed to Commissioner
for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

on NOVEMBER 11, 2005 (Date of Deposit)

Date 11-11-2005 Name Ghlyka, Alex



PATENT

Attorney Docket No.: 006915 P04
RW Ref. No.: APM/001-02-CP1-4

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

The Application of:)
Kenneth COLLINS, et al.)
Entitled: PLASMA IMMERSION ION)
IMPLANTATION PROCESS USING A) Group Art Unit: 2812
CAPACITIVELY COUPLED PLASMA SOURCE)
HAVING LOW DISSOCIATION AND LOW)
MINIMUM PLASMA VOLTAGE)
Serial No.: 10/646,612) Examiner: Alexander Ghyka
Filing Date: August 22, 2003)

INFORMATION DISCLOSURE STATEMENT WITH STATEMENT AND FEE FOR
CONSIDERATION UNDER 37 CFR 1.97(d)(e)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with 37 CFR 1.56, the references listed below and on the attached form PTO-1449 are being brought to the attention of the Examiner for consideration in connection with the examination of the above-identified patent application. A copy of each cited foreign patent and non-patent literature document is enclosed.

This information is being submitted subsequent to the earlier of the mailing of the final action or notice of allowance, but before payment of the issue fee. Accordingly, pursuant to 37 CFR 1.97(d)(e), the undersigned submits the following statement and fee requesting consideration of this Information Disclosure Statement:

Statement under 37 CFR 1.97(e)

The undersigned hereby certifies:

.....that each item of information contained in the information disclosure statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. A copy of such communication is enclosed.

Fee under 37 CFR 1.97(d)

Applicants hereby submit the fee as set forth in 37 CFR 1.17(p). Please see the attached Fee Transmittal.

It is respectfully requested that the Examiner indicate consideration of the cited references by returning a copy of the attached form PTO-1449 with initials or other appropriate marks.

Respectfully submitted,



Dated: 11/11/2015

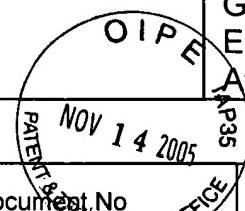
Robert M. Wallace
Reg. No. 29,119
Attorney for Applicants
Customer No. 000044843

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2112 Eastman Avenue, Suite 102
Ventura, CA 93003
805-644-4035

INFORMATION
DISCLOSURE
STATEMENT BY APPLICANT

Sheet 1 of 1

Application Number: 10/646,612
 Filing Date: August 22, 2003
 First Named Inventor: Kenneth COLLINS, et al.
 Group Art Unit: 2812
 Examiner Name: Alexander Ghyka
 Attorney Docket Number: 006915 P04



U. S. PATENT DOCUMENTS

Examiner Initials	Document No.	Publication Date	Name of Patentee or Applicant of Cited Document	Class	Subclass	Filing Date
	US-6,395,150 B1	05-28-2002	CAN CLEEMPUT ET AL.	204	192.37	04-01-1998
	US-6,413,321 B1	07-02-2002	KIM ET AL.	118	725	12-07-2000
	US 2003/0013260 A1	01-16-2003	GOSSMAN ET AL.	438	301	07-16-2001
	US 2003/0085205 A1	05-08-2003	LAI ET AL.	219	121.43	04-20-2001

FOREIGN PATENT DOCUMENTS

Examiner Initials	Foreign Patent Document	Publication Date	Country	Name of Patentee or Applicant of Cited Document	Translation? (Yes/No/n/a)
	EP 1 158 071 A2	28.11.2001	EUROPE	APPLIED MATERIALS, INC.	N/A
	JP 070455542	14.02.1995	JAPAN	MATSUSHITA ELECTRIC IND CO LTD	N/A
	JP 2000150908	30.05.2000	JAPAN	SEMICONDUCTOR ENERGY LAB CO LTD	N/A

Examiner Initials

NON PATENT LITERATURE DOCUMENTS

Hu, C.-K., et al., "A process for improved Al(cu) reactive ion etching", Journal of Vacuum Science and Technology", May 1, 1989, pp. 682-685, Vol. 7, No. 3, American Institute of Physics, New York, U.S.

Examiner's Signature:

Date Considered:

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.